



Water-Data Report NV-2005

**09415920 WARM SPRINGS WEST NEAR MOAPA, NV**

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

LOCATION.--Lat 36°42'41", long 114°42'48" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.16, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, at U.S. Fish and Wildlife Station, 0.6 mi upstream from confluence with Muddy River, 1.9 mi west of State Highway 168, and 6.5 mi northwest of Moapa.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--Aug 1985 to Sep 1994, Jun 1996 to current year.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 1,770 ft above National Geodetic Vertical Datum of 1929, from topographic map. At datum 0.38 ft higher prior to Jul 12, 1993.

REMARKS.--No estimated daily discharges. Records fair. Diversion for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13 ft<sup>3</sup>/s, May 15, 1990, gage height, 2.16 ft; minimum daily, 2.8 ft<sup>3</sup>/s, Sep 28, 29, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8.1 ft<sup>3</sup>/s, Aug 3, gage height, 1.59 ft; minimum daily discharge, 3.4 ft<sup>3</sup>/s, on several days.

**09415920 WARM SPRINGS WEST NEAR MOAPA, NV—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.8	3.8
<b>2</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.8
<b>3</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.1	3.8
<b>4</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.0	3.8
<b>5</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	3.9	3.9	3.8
<b>6</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.8
<b>7</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.8
<b>8</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.7
<b>9</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.9	3.9	3.9	3.9	3.9	3.7
<b>10</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.9	3.8	3.9	3.9	3.9	3.7
<b>11</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.9	3.9	3.9	3.9	3.9	3.7
<b>12</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.9	3.9	3.9	3.9	3.9	3.7
<b>13</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.9	3.9	3.9	3.9	3.7
<b>14</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.9	3.9	3.9	4.0	3.7
<b>15</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.9	3.9	3.9	3.9	3.9	3.7
<b>16</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.9	3.9	3.9	3.9	3.7
<b>17</b>	3.5	3.5	3.5	3.6	3.6	3.7	3.9	3.9	3.9	3.9	3.9	3.7
<b>18</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.9	3.7
<b>19</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.8	3.7
<b>20</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.8	3.7
<b>21</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.8	3.7
<b>22</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.8	3.7
<b>23</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.8	3.7
<b>24</b>	3.5	3.5	3.5	3.6	3.7	3.7	3.8	3.9	3.9	3.9	3.8	3.7
<b>25</b>	3.5	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.8	3.7
<b>26</b>	3.5	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.8	3.7
<b>27</b>	3.5	3.5	3.5	3.7	3.7	3.8	3.8	3.9	3.9	3.9	3.8	3.7
<b>28</b>	3.6	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.8	3.8	3.7
<b>29</b>	3.6	3.5	3.9	3.6	---	3.8	3.8	3.9	3.9	3.8	3.8	3.7
<b>30</b>	3.6	3.5	3.7	3.6	---	3.8	3.8	3.9	3.9	3.8	3.8	3.7
<b>31</b>	3.6	---	3.6	3.6	---	3.8	---	3.9	---	3.8	3.8	---
<b>Total</b>	108.9	104.4	109.2	111.7	101.9	115.4	114.6	120.1	117.0	120.5	119.9	111.7
<b>Mean</b>	3.51	3.48	3.52	3.60	3.64	3.72	3.82	3.87	3.90	3.89	3.87	3.72
<b>Max</b>	3.6	3.5	3.9	3.7	3.7	3.8	3.9	3.9	3.9	3.9	4.1	3.8
<b>Min</b>	3.5	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	3.8	3.8	3.7
<b>Ac-ft</b>	216	207	217	222	202	229	227	238	232	239	238	222

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	3.63	3.67	3.68	3.69	3.70	3.69	3.70	3.70	3.69	3.65	3.63	3.61
<b>Max</b>	3.97	4.10	4.04	4.10	4.05	4.11	4.11	4.08	4.00	3.89	3.89	3.93
(WY)	(1994)	(1994)	(1994)	(1994)	(1994)	(1998)	(1998)	(1998)	(1998)	(1998)	(1990)	(1998)
<b>Min</b>	3.20	3.37	3.34	3.30	3.31	3.23	3.14	3.12	3.20	3.19	3.17	3.29
(WY)	(1993)	(1993)	(1986)	(1988)	(1986)	(1992)	(1992)	(1992)	(1992)	(1992)	(1992)	(1993)

**09415920 WARM SPRINGS WEST NEAR MOAPA, NV—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2004</b>		<b>Water Year 2005</b>		<b>Water Years 1985 - 2005</b>	
<b>Annual total</b>	1,293.8		1,355.3			
<b>Annual mean</b>	3.53		3.71		3.67	
<b>Highest annual mean</b>					3.96	1998
<b>Lowest annual mean</b>					3.38	1992
<b>Highest daily mean</b>	3.9	Dec 29	4.1	Aug 3	4.4	Sep 11, 1998
<b>Lowest daily mean</b>	3.4	Aug 13	3.4	Nov 2	2.8	Sep 28, 1993
<b>Annual seven-day minimum</b>	3.4	Aug 13	3.4	Nov 1	3.0	May 12, 1992
<b>Maximum peak flow</b>			8.1	Aug 3	13	May 15, 1990
<b>Maximum peak stage</b>			1.59	Aug 3	2.16	May 15, 1990
<b>Annual runoff (ac-ft)</b>	2,570		2,690		2,660	
<b>10 percent exceeds</b>	3.6		3.9		3.9	
<b>50 percent exceeds</b>	3.5		3.7		3.7	
<b>90 percent exceeds</b>	3.5		3.5		3.4	